Ejercicio10 y 12 sec3.1grossman2ed.

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encuentre la magnitud.

10.$v = (1, 2)$

```
----------------------------------------------------------------------
| Sage Version 3.4, Release Date: 2009-03-11                         |
| Type notebook() for the GUI, and license() for information.        |
----------------------------------------------------------------------
Sage Version 3.4, Release Date: 2009-03-11
```

```
sage] v=vector([1,2])
sage] v
```

$(1, 2)$

```
sage] v.norm()
```

$\sqrt{5}$

```
sage]
```

la norma de este vector es$\sqrt{5}$

12.$v = (11, -14)$

```
sage] v=vector([11,-14])
sage] v
```

$(11, -14)$

```
sage] v.norm()
```

$\sqrt{317}$

```
sage]
```

la norma para el vector dado es $\sqrt{317}$.